

1 **ABSTRACT OF THE DISCLOSURE**

2 A stator coil for a radiator fan, the stator coil consists of at least two enamel wires co-
3 axially wound together. Each of the enamel wires has opposite first and second ends extended
4 out from the stator coil. The first and second ends of the at least two enamel wires optionally
5 connected in different connection ways so that the stator coil is optionally formed as a uni-
6 coil winding in parallel connection, a uni-coil winding in series connection or a multiple-coil
7 winding to satisfy different requirements of the radiator.